

SOUTH PRODUCTION NOTES

January 25, 2014
Morning Shift

BASF EMPLOYEES
63 Last Recordable
208 Last Lost Time

CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.

Make everyone aware that if we continue to make batches and DO store them in Building 27.....This will require the building to be regulated !

#1 MED Si-1624: Line was started on afternoon shift.

Day shift: Need - powder room raws (**complete**), repack clay(**enough to start line**), install recipe (**complete**), place respirator signs (powder room, dryer bag off area) (**afternoon shift**), button up MED line vents (**complete**).

Afternoon Shift: Began running. Had maintenance work on the spreader belt. Repacked volclay.

Midnight shift: Line is running. Be aware that the extruder area is respirator required as well as powder room.

#1 RC / Si-1624: Should be ready.

Day shift: Need - put screener together (**complete**), discharge end set up.

Afternoon Shift: On hold until we get material to feed.

Midnight shift: Not lit as of yet. Trimer issues that must be addressed first – flow rate (stage 1 and 2) and High Ph (Tank 2 and Chem tank).

Exhaust to Trimer

#2 MED line/ Cu-1230: Continue on. We will be making batches through the weekend. Versal and Cu 1160 is available for powder room...looking for Cu 1230 milled recycle. Was told by engineer that we can start without the milled recycle. Get samples to lab.

Day Shift: Need – continue to extrude batch 1 and proceed to make batches through Saturday per John Bodmann, get sample of dried material from batch 1 to the lab.

Fighting through batch 1 with no success.

Afternoon Shift: Continued to run. Getting a lot of fines. May have to add water as needed.

Midnight shift: Continue to run. Samples to the lab.

#2 RC/ Cu 1230: Calciner being shut down. Maintenance needs to take the dam out. A work order to be written. Maintenance will not be working on the gear box. The replacement gear box is ordered with approximately a month lead time. Original prognosis was a gear box leak possibly due to overfilling. We will run and monitor until the replacement gear box comes in.

Day shift: Went back and forth all day on the situation. Have been working on getting temperatures in control.

Afternoon Shift: Calciner being shut down. Need to take the dam out. A work order has been written.

Midnight Shift: Calciner still coming down in temperatures.

Exhausting to CTO

#3 MED line / D-1798 NAQ: Continue on.

Day shift: Need - dryer belt oscillating repairs (**complete**) and start running.

Afternoon Shift: Continued to run. Will need to clean out the garden cart that is on the 3rd floor for wet mix.

Midnight Shift: Garden cart cleaned and properly labeled. Mixer stopped in middle of batch (15' into mix time of 35'). Work notification written and maintenance supervisor contacted - # 933890577.

#3 RC/ D-1798 NAQ: Continue on once we get the calciner lit.

Day shift: Needed – clean filter (**complete**) and light, waiting on temps to get in line with set point prior to feeding.

Afternoon Shift: Calciner kicked out again. Bringing temps up again. Begin feeding once we get temperatures corrected.

Midnight shift: Started the feed.

Exhausting to CTO

Old Pfaudler – D 1795 done: Pfaudler and hopper rinsed.

Day Shift: **Hold.**

Afternoon Shift: Hold

Midnight shift: Hold

Tank 7 / AMT for D-1795 NAQ: Tank needs to be acid washed and cleaned out in order for IMC to repair level indicator. Please have this done by Monday.

Day shift: **Hold.** Work notification written to inspect and repair/recalibrate level indicator on tank.

New Pfaudler / Ni-2458 : Continue on afternoon shift. Solution has been checked and modified with 420 lbs of copper nitrate from the north end. Last batch 236.

Day shift: Need – tank 6 results – **complete**

Afternoon Shift: batch 235 made. Next batch should be the last.

Midnight shift: Made batch 236 – reportedly the last batch of first dip. Contact engineer and verify.

Tank 6 / Ni Solution: Solution good to go. Change order sheet has been updated.

Day shift: Need - tank 6 results – **complete**

Afternoon Shift: Solution Good

Midnight Shift: Solution Good

National Dryer / Ni 2458 : Continue feeding / keep temperature close to 80 degrees.

Day shift: Nothing to feed.

Afternoon shift: Currently feeding. Continue to feed on midnight shift.

Midnight shift: Feeding.

#4 RC / Ni 2458: Start up and begin feeding

Day shift: Need – Superior Erection to take down section of 4rc / trimer line, clean, re-install (**complete**), light up calciner after complete, start up trimer.

Afternoon Shift: Started the feed on afternoon shift. Continue to run.

Midnight shift: Stopped calciner as the Trimer was giving us issues with flow rates (stage 1 and 2) and high Ph (tank 2 and Chem tank). Work notification written to verify probes again – 933891948.

Exhaust to Trimer

PK Blender / OxyVinyl Catoxid: Continue. Use 112 Bags. Bodmann making changes to Chrome needs.

Day shift: Continue on

Afternoon Shift: Down on afternoon shift.

Midnight shift: Made chrome tank. Collected sample of sump and will submit to lab in the morning to verify Moly.

#5 RC / OxyVinyl Catoxid next: Continue feeding. We need to feed 3 batches in a row from the PK blender that are above batch 7083 and then begin alternating batches(1 batch above 7083, one batch below 7083). Fill out the #5 dust collector bag house sheet while running the chrome.

Day shift: Need – Inspect HEPA prior to starting feed – **complete**

Afternoon Shift: Continued on. Started filling out 5 dust collector check sheet.

Midnight shift: Continued on with the calciner and the 5DC check sheet. Set in order bags of feed per the engineer's request.

Exhaust to 5DC

Tower 3 / Cu-1986: Continue on.

Day shift: Cooking since mass spec issue was rectified.

Afternoon shift: Continue on. About another 2 days before we unload.

Midnight Shift: Continue on.

Tower 6 / E-474: Continue on.

Day shift: Cooking since pressure issue was rectified.

Afternoon shift: Continue On.

Midnight Shift: Continue On.

Harrop Kiln - Al-3921 T 3/16": Down... saggers have been removed, screener parts at TK#2

Day shift: Down

Afternoon Shift: Down

Midnight Shift: Down.

North Screener / E 474: Continue on.

Day shift: Continue on.

Afternoon Shift: Continue on.

Midnight shift: Continue on.

South Screener / Cu 1986: Continue on.

Day shift: Continue on.
Afternoon Shift: Continue on.
Midnight shift: Continue on.

#6 - RC / D-0756: Will need to eventually clean the spiral, calciner and screener.

Day Shift: Down
Afternoon shift: Down
Midnight shift: Down

Exhaust to Sly Scrubber

Tunnel Kiln #2 / V-2045 is next: Start changing over the saggars on TK 2 to the vanadium saggars after we complete Tk4 job.

Day shift: Continue changing saggars (several cars remaining)
Afternoon Shift: Bring temps down on TK4, make sure belt on #4 vacuumed, close up fines drums
Midnight shift: All saggars have been changed.

Tunnel Kiln #4 / Cu-0540 done: Let's be proactive and start changing over the saggars on TK 2 to the vanadium saggars after we complete this job.

Day shift: Still need to finish cleaning belt, perform weekly eye bath/safety shower PMs (complete)
Afternoon Shift: Working on "to do" list.
Midnight shift: Working on "to do" list.

#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.

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Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maintenance issues.

1) D-1798 NAQ Base – #3 MED/#3 RC

- 2) Reduction Towers, Specifically Tower 6 E-474 TRL reduction and screening. Continue to run Cu-1986 TRL through Tower 3.
- 3) Catoxid – PK
- 4) Ni-2458 E – West Pfaudler/National Dryer/#4RC
- 5) Catoxid – #5 RC
- 6) Cu-1230 E – #2 MED/#2 RC
- 7) Si-1624 E – #1 MED/#1 RC (scheduled start date is Monday, can be started earlier if labor is available)